

# 9th Class 2015

Biology	Group-I	Paper-I
Time: 15 Minutes	(Objective Type)	Marks: 12

**Note:** Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1- To what category of molecules, do enzymes belong:  
(a) Carbohydrates (b) Proteins ✓  
(c) Lipids (d) Nucleic acid
- 2- The name of compound that converts inactive enzyme pepsinogen into pepsin is:  
(a) Hydrochloric acid ✓ (b) Water  
(c) Mucus (d) Lipase
- 3- The movement of molecules from a region of lower concentration to higher concentration is called:  
(a) Active transport ✓ (b) Osmosis  
(c) Diffusion (d) Filtration
- 4- Energy present in one gram of carbohydrates is:  
(a) 4 kilo calories ✓ (b) 3 kilo calories  
(c) 2 kilo calories (d) 5 kilo calories
- 5- Histology is the scientific study of:  
(a) Tissues ✓ (b) Muscles  
(c) Cells (d) Organs
- 6- The process of glycolysis occurs in:  
(a) Cytoplasm ✓ (b) Mitochondria  
(c) Nucleus (d) Endoplasmic reticulum
- 7- The reproductive organ of plant is:  
(a) Root (b) Stem  
(c) Flower ✓ (d) Leave

- 8- The division of cytoplasm is called:
- (a) Karyokinesis (b) Cytokinesis ✓  
(c) Phragmoplast (d) Phagocytosis
- 9- Who introduced the system of classification of organisms for the first time:
- (a) Ernst Hackel (b) Aristotle ✓  
(c) Carlous Linnaeus (d) Robert Whittaker
- 10- The branch of which tree was very suitable for curing malaria:
- (a) Cedrus (b) Cinchona ✓  
(c) Pinus (d) Cactus
- 11- In normal adult human, the weight of heart is:
- (a) 200-250 gram (b) 150-200 gram  
(c) 250-350 gram ✓ (d) 100-200 gram
- 12- The mass of human red blood cells is:
- (a) 10  $\mu\text{m}$  (b) 9  $\mu\text{m}$   
(c) 8  $\mu\text{m}$  ✓ (d) 7  $\mu\text{m}$